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Hot melt material with cracking resistance - contg. slowly crystallising alpha-olefin, opt. with tackifier resin and/or plasticiser, useful as putty for window sash
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Patent Family

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JP 1066253	A	19890313	JP 87224490	A	19870908	198916	B

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Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 1066253	A		5		

Abstract:

JP 1066253 A

The hot-melt material contains slow crystallising alpha-olefin as main component. When heated at 50-100 deg.C, the material assumes semi-molten state which makes plastic deformation possible under pressure of less than 1 kgf/cm², but it solidifies again when cooled to normal temp. The hot-melt material contains 100 pts.wt. of slow crystallising alpha-olefin and less than 100 pts.wt. of tackifier resin and/or less than 300 pts.wt. of plasticiser. The alpha-olefin has a softening point of 70 -150 deg.C and a melt viscosity of less than 100,000 cps. at 180 deg.C. The hot-melt material has a pot life of 3 minutes to 3 hrs. The alpha-olefins are e.g. ethylene/propylene/ butene terpolymer and amorphous polypropylene.

ADVANTAGE - The hot-melt material does not become thin when dried and has good resistance to cracking. It can be applied by means of caulking gun and is useful as putty for window sash, etc.

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